Naveen Nandyala

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Ongole, Andhra Pradesh

Objective

Java Full Stack Developer with experience in designing and developing scalable web applications using Java, Spring Boot, and MySQL. Knowledge in building RESTful APIs and implementing robust backend solutions. Familiar with Machine Learning and Deep Learning concepts leveraging TensorFlow and OpenCV. Strong foundation in Object-Oriented Programming (OOP), Software Development Life Cycle (SDLC), and collaborative development using Git/GitHub.

Work Experience

- **Cognizant** *June 2025 - Present*
  Programmer Analyst Trainee
  - Worked on a Java Full Stack web application using Java, Spring Boot, and Angular/React at Cognizant.
  - Created and connected backend APIs with the database using Hibernate/JPA.
  - Fixed bugs, tested the application, and worked in an Agile team using Git and Jenkins.

Education

- **Kalasalingam Academy of Research and Education** *July 2021 - April 2025*
  Bachelor of Technology, Computer Science and Engineering Virudhunagar, TamilNadu
  - CGPA: 8.06/10.00

Skills

- **Languages :** Java, JavaScript, HTML, CSS
- **Database :** MySQL
- **Frameworks :** Spring Boot, RESTful APIs
- **Version Control:** Git, GitHub
- **Tools :** IntelliJ IDEA, VS Code, Postman
- **AIML:** KNN, CNN, OpenCV, TensorFlow

Projects

- **Full Stack Employee Management System [GitHub]** *April 2025*
  Tools: Java, Spring Boot, React.js
  - Built a full-stack CRUD web app for managing employee records with React.js frontend and Spring Boot backend.
  - Integrated MySQL for data storage and developed RESTful APIs for seamless frontend-backend communication.
  - Developed form-based input modules with field validation for creating and editing employee records.
- **Smart Waste Management System [GitHub]** *December 2024*
  Tools: Deep Learning, TensorFlow, OpenCV
  - Developed a deep learning model using TensorFlow and OpenCV to classify waste types, reducing processing time.
  - Automated waste sorting by integrating Arduino and servo motors with the trained model.
  - Trained the model on a labeled dataset to ensure accurate classification and promote efficient waste disposal.
- **KNN-Based Online Voting System [GitHub]** *March 2024*
  Tools: Machine Learning, KNN, OpenCV
  - Designed a secure online voting system using real-time face recognition with OpenCV, KNN for voter identification.
  - Enhanced election accuracy and transparency by enabling remote voting with biometric verification.
  - Evaluated system performance using precision, recall, and specificity, achieving an overall accuracy of 98%.

Patents and Publications

[C.1] Nandyala Naveen, et al. (2025). **KNN-Powered Online Voting System to Improve Accuracy and Transparency of Election Process**. In *ICMSCI-IEEE*, pp.K.Senthilnanthan. Publisher. DOI: 22 January 2025.

Certifications

- **Java Programming Certification – Simplilearn** View Certificate 2025
- **SQL Intermediate – HackerRank** View Certificate 2025
- **Oracle Cloud Infrastructure Foundations Associate – Oracle** View Certificate 2023